

# Utah Monthly Communicable Disease Report

## November 2018



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

**Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.**

**Current counts of selected reportable diseases,\* compared to an historical 5-year average, November 2018**

Disease/Condition	Nov 2018	5-yr Nov avg+	2018 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	4	U	18	U
Acute Flaccid Myelitis	0	U	0	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	0	1.4
Babesiosis	0	0.0	1	0.2
Botulism, total	0	0.4	2	4.6
foodborne	0	0.0	0	0.4
infant	0	0.2	2	4.0
other (wound/unspecified)	0	0.2	0	0.2
Brucellosis	0	0.2	0	0.6
Campylobacteriosis	28	33.0	509	497.6
Chickenpox	9	19.2	141	209.6
Chlamydia	866	691.0	9720	8064.2
Cholera	0	0.0	0	0.0
Coccidioidomycosis	0	5.2	4	49.0
Colorado tick fever	0	0.0	1	0.2
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.4	4	3.6
Cryptosporidiosis	9	8.8	181	118.8
Cyclosporiasis	1	0.4	20	5.2
Dengue	0	0.2	0	2.6
Ehrlichiosis/Anaplasmosis	0	0.0	2	1.0
Encephalitis	1	0.4	5	4.0
Enterobacter species resistant to carbapenems	0	U	0	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	0	U	5	U
Giardiasis	10	12.4	217	193.6
Gonorrhea	241	149.0	2669	1558.8
HIV infection	0	11.6	83	112.8
Haemophilus influenzae, all ages, invasive disease	3	5.4	49	45.4
nonserotype B, age < 5 years	0	0.2	3	2.8
serotype B, age < 5 years	0	0.4	0	0.4
unknown serotype, age < 5 years	0	0.0	6	2.6
Hansen's disease (Leprosy)	0	0.0	2	0.6
Hantavirus pulmonary syndrome	0	0.0	0	0.0
Hemolytic uremic syndrome, post-diarrheal	0	0.0	10	6.4
Hepatitis A	1	7.4	134	29.8
Hepatitis B, acute	1	0.8	31	9.4
Hepatitis B, chronic	10	23.6	231	272.8
Hepatitis C, acute	2	6.8	86	47.6
Hepatitis C, chronic	132	140.2	1618	1608.8
Hepatitis, other viral	0	0.0	3	0.8
Influenza-associated hospitalizations§	15	56.4	1574	855.0
Influenza-associated pediatric mortality§	1	0.0	1	1.8
Klebsiella species resistant to carbapenems	0	U	4	U
Legionellosis	1	2.2	26	26.0
Leptospirosis	0	0.0	2	0.6
Listeriosis	0	0.6	2	4.2

\*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

\*\*YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

U: 5-yr average is Unavailable because of changes in communicable disease reporting rules.

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Lyme disease	1	0.8	22	16.6
Malaria	2	0.6	9	6.2
Measles	0	0.0	0	1.2
Meningitis, aseptic	1	5.8	29	44.4
Meningitis, bacterial, other	1	1.6	11	18.6
Meningitis, viral	0	4.0	14	56.0
Meningococcal disease (Neisseria meningitidis)	0	0.4	3	3.0
Mumps	0	0.0	13	9.8
Pertussis	7	49.8	291	650.0
Plague	0	0.0	0	0.2
Q fever	0	0.0	2	3.4
Rabies, animal	0	0.0	14	19.2
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.8
Rubella	0	0.0	0	0.2
Salmonellosis	23	25.0	336	352.8
Shiga toxin-producing Escherichia coli (STEC) infection	12	6.6	189	94.0
Shigellosis	4	4.8	57	42.2
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.2	7	6.6
Streptococcal disease, invasive, group A	12	14.4	130	149.2
Streptococcal disease, invasive, group B	11	16.2	179	156.0
Streptococcal disease, invasive, other	26	29.8	274	329.0
Streptococcus pneumoniae, invasive disease	11	20.2	212	194.8
age < 5 years	2	1.2	21	18.6
Syphilis, early (infection < 12 months)	5	10.0	119	118.0
primary & secondary	3	5.6	76	72.2
early latent	2	4.4	43	45.8
Syphilis, latent (infection > 12 months)	4	4.8	66	59.2
Toxic shock syndrome (staphylococcal or streptococcal)	2	1.8	22	21.2
Trichinellosis	0	0.0	0	0.2
Tuberculosis, active	0	2.4	12	28.2
Tularemia	0	0.0	0	4.0
Typhoid fever	0	0.2	1	1.2
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	0	0.6	14	7.2
West Nile Virus	0	0.0	11	18.8
Zika Virus Disease	0	U	0	U

Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

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